

# Project Audit

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Project:  
**EverBNB**

December 9, 2021



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EverBNB



# Overview

This audit has been prepared for **EverBNB** to review the main aspects of the project to help investors make make an informative decision in the research process.

You will find a a summarized review of the following main key point::

- Contract's source code
- Project and team
- Website
- Social media & online presence

# Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



*"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"*  
– SpyWolf Team

# Smart Contract Summary

Contract Name	EverBNB
Ticker	EverBNB
Contract	0xB87Bc0fF5Dd585A93c44D8511d876933e4233707
Network	Binance Smart Chain
Language	Solidity
Tax	13% (3% liquidity, 7% marketing, 3% rewards )
Total Supply	<b>1,000,000,000</b>
Circulating Supply	<b>500,000,000</b>
Contract Type	Rewards Token
Status	launched

First Burn	500,000,000 (50%)
Presale	175,000,000
Liquidity	175,000,000

## Featured Wallets

Owner Address	0x937934dd13d35e9b5d6eab21352f135a4fea9f35
Liquidity Wallet	Same as owner
LP token address	0x331c77b1667631597D874d812aD610438fDEfeAC
Dividend Tracker	0xb13cdc391854e209bf3e7fb111c76bf9d99ec8f8
Marketing Wallet	0x596b875e10ae80703bbd04ebed7d5444f40d26e0

## Top 3 Unlocked Wallets

Wallet 1 ( 14.7 % )	0x937934dd13d35e9b5d6eab21352f135a4fea9f35
Wallet 2 ( 1.9 % )	0xbb8142b1c1d36f6f731a6ceb5f54811231d824ac
Wallet 3 ( 1.1 % )	0x7076031fcd68d14ca9ff1edd9fc023811f64f9f8

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓



# Security Threats

- **Owner can modify sell transaction – Potential honeypot** 🚨

```
function setMaxSellTransaction(uint256 _maxTxn) external onlyOwner {
    maxSellTransactionAmount = _maxTxn * (10**18);
}
```

- **Owner can exclude accounts from paying fee**

```
function excludeFromFees(address account, bool excluded) public onlyOwner {
    require(!_isExcludedFromFees[account] != excluded, "EverBNB: Account is already the value of 'excluded'");
    _isExcludedFromFees[account] = excluded;

    emit ExcludeFromFees(account, excluded);
}

function excludeMultipleAccountsFromFees(address[] calldata accounts, bool excluded) public onlyOwner {
    for(uint256 i = 0; i < accounts.length; i++) {
        _isExcludedFromFees[accounts[i]] = excluded;
    }

    emit ExcludeMultipleAccountsFromFees(accounts, excluded);
}
```

- **Owner can change time frame for receiving rewards**

```
function updateClaimWait(uint256 newClaimWait) external onlyOwner {
    require(newClaimWait >= 3600 && newClaimWait <= 86400, "EverBNB_Dividend_Tracker: claimWait must be updated to between 1 and 24 hours");
    require(newClaimWait != claimWait, "EverBNB_Dividend_Tracker: Cannot update claimWait to same value");
    emit ClaimWaitUpdated(newClaimWait, claimWait);
    claimWait = newClaimWait;
}
```

- **Owner can change minimum balance to receive rewards**

```
function updateMinimumBalanceForDividends(uint256 newMinimumBalance) external onlyOwner {
    dividendTracker.updateMinimumTokenBalanceForDividends(newMinimumBalance);
}
```

# Security Threats

- Owner can change liquidity wallet

```
function updateLiquidityWallet(address newLiquidityWallet) public onlyOwner {
    require(newLiquidityWallet != liquidityWallet, "EverBNB: The liquidity wallet is already this address");
    excludeFromFees(newLiquidityWallet, true);
    emit LiquidityWalletUpdated(newLiquidityWallet, liquidityWallet);
    liquidityWallet = newLiquidityWallet;
}
```

- Owner can change marketing wallet

```
function updatemarketingWallet(address newmarketingWallet) public onlyOwner {
    require(newmarketingWallet != marketingWallet, "EverBNB: The marketing wallet is already this address");
    emit marketingWalletUpdated(newmarketingWallet, marketingWallet);
    marketingWallet = newmarketingWallet;
}
```

- Owner can change rewards, marketing and liquidity fee upto 75% in total

```
function updateBNBRewardsFee(uint8 newFee) external onlyOwner {
    require(newFee <= MAX_FEE_RATE, "wrong");
    BNBRewardsFee = newFee;
    totalFees = BNBRewardsFee.add(marketingFee).add(liquidityFee);
}

function updateMarketingFee(uint8 newFee) external onlyOwner {
    require(newFee <= MAX_FEE_RATE, "wrong");
    marketingFee = newFee;
    totalFees = BNBRewardsFee.add(marketingFee).add(liquidityFee);
}

function updateLiquidityFee(uint8 newFee) external onlyOwner {
    require(newFee <= MAX_FEE_RATE, "wrong");
    liquidityFee = newFee;
    totalFees = BNBRewardsFee.add(marketingFee).add(liquidityFee);
}
```



# EverBNB Project & Team Review

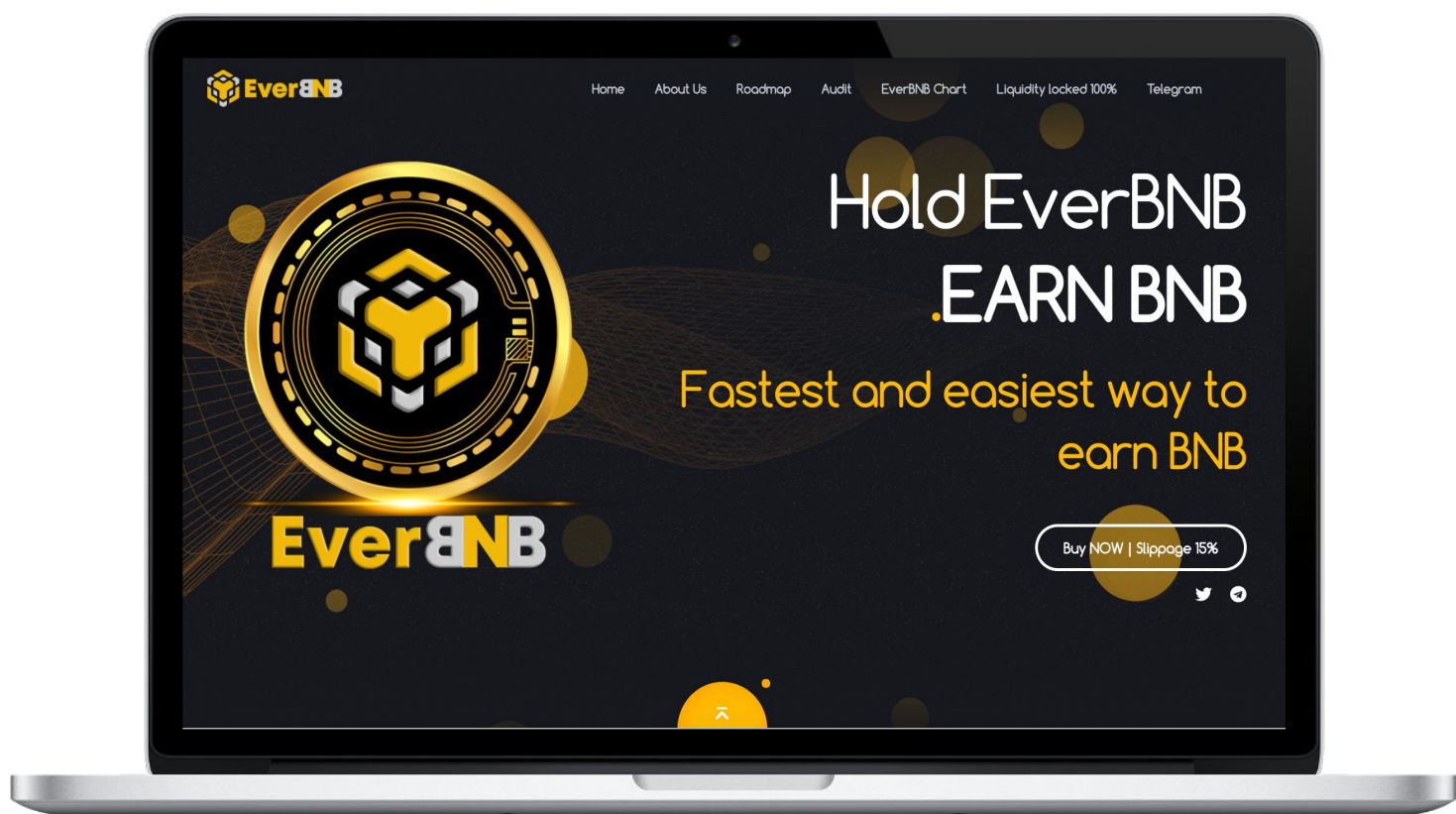
According to their website, EverBNB is one the BNB reflection token running on Binance Smart Chain.

## Team:

- Not doxxed nor has not done a KYC. ⚠️
- Not enough information on the team or their experience ⚠️

# Website Analysis

- **Design:** Simple with a cohesive color scheme.
- **Content:** very little content, but it explains the basics of the project.
- **Whitepaper:** Not present ⚠
- **Roadmap:** no dates found in the roadmap ⚠
- **Mobile-friendly?** Yes, could be better.
- **Technical:** SSL certificate present. General SEO check passed.

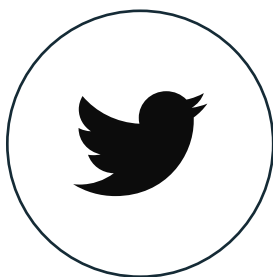


# Social Media & Online Presence



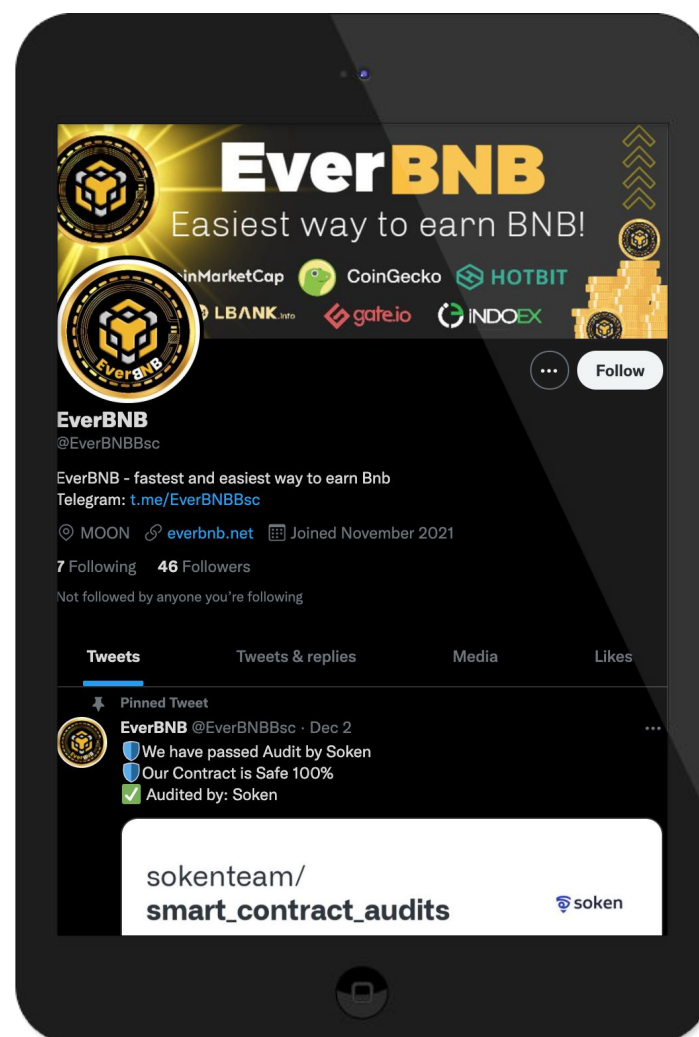
## Telegram

- 635 members
- Less than 100 active ⚠️
- Active devs & mods



## Twitter

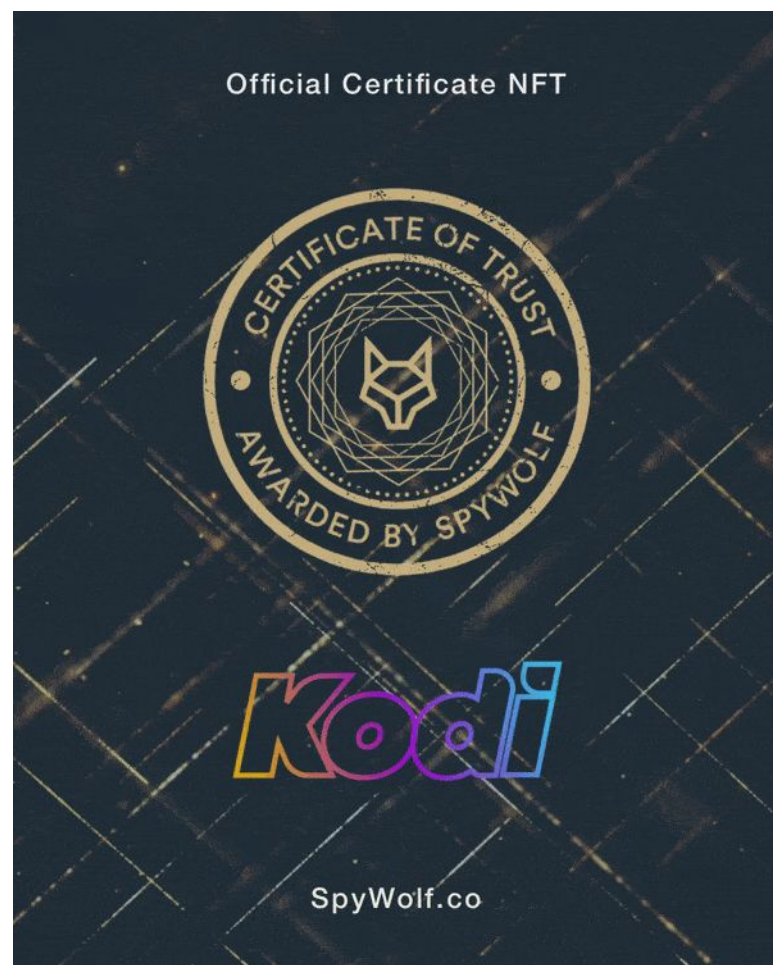
- Brand new ⚠️



# About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- ▶ Website: [SpyWolf.co](https://SpyWolf.co)
- ▶ Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- ▶ Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

**If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to [contact@spywolf.co](mailto:contact@spywolf.co).**

# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.